

EAST Search History (Prior Art)

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|-------|--|-----------------|------------------|---------|------------------|
| L1 | 12082 | 370/338 | US-PGPUB; USPAT | OR | ON | 2009/12/18 13:45 |
| L2 | 7682 | 370/466 | US-PGPUB; USPAT | OR | ON | 2009/12/18 13:45 |
| L3 | 2588 | 370/467 | US-PGPUB; USPAT | OR | ON | 2009/12/18 13:46 |
| L4 | 7885 | 370/468 | US-PGPUB; USPAT | OR | ON | 2009/12/18 13:46 |
| L5 | 3858 | 370/469 | US-PGPUB; USPAT | OR | ON | 2009/12/18 13:46 |
| L6 | 3374 | 455/552.1 | US-PGPUB; USPAT | OR | ON | 2009/12/18 13:46 |
| L7 | 1649 | 455/553.1 | US-PGPUB; USPAT | OR | ON | 2009/12/18 13:46 |
| L8 | 4985 | 455/561 | US-PGPUB; USPAT | OR | ON | 2009/12/18 13:46 |
| L9 | 2998 | 455/562.1 | US-PGPUB; USPAT | OR | ON | 2009/12/18 13:46 |
| L10 | 37126 | L1 or L2 or L3 or L4 or L5 or L6 or L7 or L8 or L9 | US-PGPUB; USPAT | OR | ON | 2009/12/18 13:46 |
| L11 | 50 | ("multi-band" or (multi adj band) or "dual-band" or dual-band or (dual adj band)) adj3 ((access adj point) or (base adj2 station)) | US-PGPUB; USPAT | OR | OFF | 2009/12/18 13:47 |
| L12 | 10 | L10 and L11 | US-PGPUB; USPAT | OR | ON | 2009/12/18 13:47 |
| L13 | 125 | ((("multi-band" or (multi adj band) or "dual-band" or dual-band or (dual adj band))) adj3 (access adj point) or (base adj2 station)) same mimo).ab,ti. | US-PGPUB; USPAT | OR | OFF | 2009/12/18 13:47 |
| L14 | 34 | L10 and L13 | US-PGPUB; USPAT | OR | ON | 2009/12/18 13:47 |
| L15 | 123 | ((("802.11b" near7 "802.11g") or (ofdm\$2 near7 cdma\$4) or (ofdm\$2 near7 ("802.11b" or "802.11g")) or (gsm near7 cdma) near7 (access adj point)) | US-PGPUB; USPAT | OR | OFF | 2009/12/18 13:48 |
| L16 | 28 | L10 and L15 | US-PGPUB; USPAT | OR | ON | 2009/12/18 13:48 |
| L17 | 117 | ((("802.11b" near7 "802.11g") or (ofdm near7 cdma\$4) or (gsm near7 cdma)) near7 (access adj point)) | US-PGPUB; USPAT | OR | OFF | 2009/12/18 13:48 |
| L18 | 26 | L10 and L17 | US-PGPUB; USPAT | OR | ON | 2009/12/18 13:48 |

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| L19 | 82 | ("802.11b" near7 "802.11g" near7 (access adj point)) | US-PGPUB; USPAT | OR | OFF | 2009/12/18 13:48 |
| L20 | 22 | L10 and L19 | US-PGPUB; USPAT | OR | ON | 2009/12/18 13:48 |
| L21 | 425 | (((((first or initial) adj2 gain) or multiplier)) and (((second or secondary) adj2 gain) or multiplier)) and (((dual or multi or multiple) adj2 mode) adj2 (receiver or receiving or receive or terminal or device)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/12/18 13:48 |
| L22 | 55 | L10 and L21 | US-PGPUB; USPAT | OR | ON | 2009/12/18 13:48 |
| L23 | 252 | (((((first or initial) adj2 gain) or multiplier)) and (((second or secondary) adj2 gain) or multiplier)) and (((dual or multi or multiple) adj2 mode) adj2 (receiver or receiving or receive)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/12/18 13:48 |
| L24 | 33 | L10 and L23 | US-PGPUB; USPAT | OR | ON | 2009/12/18 13:48 |
| S1 | 1 | (classifier or classifying) same (WLAN) same ((multi or multiple or dual) near (receiver or transceiver)) | US-PGPUB; USPAT; EPO; IBM_TDB | OR | ON | 2008/01/10 20:38 |
| S2 | 118 | (WLAN or (wireless adj local adj area adj network)) same ((multi or multiple or dual) near (receiver or transceiver)) | US-PGPUB; USPAT; EPO; IBM_TDB | OR | ON | 2008/01/10 20:41 |
| S3 | 14417 | (confidence near level) | US-PGPUB; USPAT; EPO; IBM_TDB | OR | ON | 2007/07/20 18:19 |
| S4 | 1 | (confidence near level) same wlan same (plurality near4 (receiver or transceiver)) | US-PGPUB; USPAT; EPO; IBM_TDB | OR | ON | 2007/07/20 18:24 |
| S5 | 12 | (confidence near level) same (plurality near4 (receiver or transceiver)) | US-PGPUB; USPAT; EPO; IBM_TDB | OR | ON | 2008/01/10 20:37 |
| S6 | 367 | (wlan) same ((plurality or multi or multiple) near4 (receiver or transceiver)) | US-PGPUB; USPAT; EPO; IBM_TDB | OR | ON | 2007/07/23 11:38 |
| S7 | 28 | ((wlan) same ((plurality or multi or multiple) near4 (receiver or transceiver))).ab,ti. | US-PGPUB; USPAT; EPO; IBM_TDB | OR | ON | 2007/07/20 18:29 |

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| S8 | 367 | (wlan) same ((plurality or multi or multiple) near4 (receiver or transceiver)) | US-PGPUB; USPAT; EPO; IBM_TDB | OR | ON | 2007/07/23 11:38 |
| S9 | 122 | S8 and threshold | US-PGPUB; USPAT; EPO; IBM_TDB | OR | ON | 2007/07/23 11:39 |
| S10 | 17 | S8 and (threshold near5 (rssi or (signal near strength))) | US-PGPUB; USPAT; EPO; IBM_TDB | OR | ON | 2007/07/23 11:42 |
| S11 | 2 | S8 and (threshold near5 (rssi or (signal near strength))) and (ack or acknowledged\$4) | US-PGPUB; USPAT; EPO; IBM_TDB | OR | ON | 2007/07/23 11:43 |
| S12 | 73 | S8 and (ack or acknowledged\$4) | US-PGPUB; USPAT; EPO; IBM_TDB | OR | ON | 2007/07/23 11:43 |
| S13 | 1 | ((tri-band or (tri adj band)) or (multi-band or (multi adj band)) near receiver) same ("802.11a" same "802.11b" same "802.11g") | US-PGPUB; USPAT | OR | OFF | 2007/07/23 12:30 |
| S14 | 10354 | energy adj detect\$4 | US-PGPUB; USPAT | OR | OFF | 2007/07/23 12:31 |
| S15 | 53 | (energy adj detect\$4) near5 frame | US-PGPUB; USPAT | OR | OFF | 2007/07/23 14:21 |
| S16 | 6721 | 370/338 | US-PGPUB; USPAT | OR | OFF | 2007/07/23 14:22 |
| S17 | 660 | 455/454 | US-PGPUB; USPAT | OR | OFF | 2007/07/23 14:22 |
| S18 | 1523 | 455/101 | US-PGPUB; USPAT | OR | OFF | 2007/07/23 14:22 |
| S19 | 8773 | S16 or S17 or S18 | US-PGPUB; USPAT | OR | OFF | 2007/07/23 14:22 |
| S20 | 1 | ((tri-band or (tri adj band)) or (multi-band or (multi adj band)) near receiver) same ("802.11a" same "802.11b" same "802.11g") | US-PGPUB; USPAT | OR | OFF | 2007/07/23 14:22 |
| S21 | 0 | S19 and S20 | US-PGPUB; USPAT | OR | OFF | 2007/07/23 14:22 |
| S22 | 352 | (confidence near level) same ((receiver or transceiver)) | US-PGPUB; USPAT; EPO; IBM_TDB | OR | ON | 2008/01/10 20:37 |

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|-----|-------|---|--|----|----|------------------|
| S23 | 65121 | (classifier or classifying or select\$4 or classif\$4 or sort\$4 or choos\$4) near12 (receiver or transceiver) | US-PGPUB; USPAT; EPO; IBM_TDB | OR | ON | 2008/01/14 16:41 |
| S24 | 125 | S22 and S23 | US-PGPUB; USPAT; EPO; IBM_TDB | OR | ON | 2008/01/10 20:55 |
| S25 | 36162 | (WLAN or (wireless adj local adj area adj network)) or (wireless adj lan) | US-PGPUB; USPAT; EPO; IBM_TDB | OR | ON | 2008/01/10 20:41 |
| S26 | 11 | S24 and S25 | US-PGPUB; USPAT; EPO; IBM_TDB | OR | ON | 2008/01/10 20:41 |
| S27 | 5 | S24 and ("pre-processing" or (pre adj2 processing)) | US-PGPUB; USPAT; EPO; IBM_TDB | OR | ON | 2008/01/10 20:59 |
| S28 | 9 | S22 and ("pre-processing" or (pre adj2 processing)) | US-PGPUB; USPAT; EPO; IBM_TDB | OR | ON | 2008/01/10 20:58 |
| S29 | 4 | S28 not S27 | US-PGPUB; USPAT; EPO; IBM_TDB | OR | ON | 2008/01/10 20:58 |
| S30 | 5 | S24 and ("pre-processing" or (pre adj2 processing) or (test\$4 near initial)) | US-PGPUB; USPAT; EPO; IBM_TDB | OR | ON | 2008/01/10 21:06 |
| S31 | 4462 | (receiv\$4 or transceiv\$4) near10 ("pre-processing" or "pre-process" or (pre near process\$4) or (test near (initial or pre))) | US-PGPUB; USPAT; EPO; IBM_TDB | OR | ON | 2008/01/10 21:07 |
| S32 | 8 | (receiv\$4 or transceiv\$4) near10 ("pre-processing" or "pre-process" or (pre near process\$4) or (test near (initial or pre))) same (confidence near level) | US-PGPUB; USPAT; EPO; IBM_TDB | OR | ON | 2008/01/10 21:08 |
| S33 | 391 | S23 and S31 | US-PGPUB; USPAT; EPO; IBM_TDB | OR | ON | 2008/01/10 21:12 |
| S34 | 50 | S23 and S31 and OFDM | US-PGPUB; USPAT; EPO; IBM_TDB | OR | ON | 2008/01/10 21:23 |

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| S35 | 5 | S23 and S31 and OFDM and DSSS | US-PGPUB; USPAT; EPO; IBM_TDB | OR | ON | 2008/01/10 21:12 |
| S36 | 11 | S23 and S31 and (dsss or "dsss/cck") | US-PGPUB; USPAT; EPO; IBM_TDB | OR | ON | 2008/01/10 21:26 |
| S37 | 335 | S33 not S34 not S35 not S36 | US-PGPUB; USPAT; EPO; IBM_TDB | OR | ON | 2008/01/10 21:27 |
| S38 | 135434 | "370"/\$ | US-PGPUB; USPAT; EPO; IBM_TDB | OR | ON | 2008/01/10 21:27 |
| S39 | 77 | S37 and S38 | US-PGPUB; USPAT; EPO; IBM_TDB | OR | ON | 2008/01/10 21:28 |
| S40 | 129904 | "455"/\$ | US-PGPUB; USPAT; EPO; IBM_TDB | OR | ON | 2008/01/10 21:28 |
| S41 | 89 | S37 and S40 | US-PGPUB; USPAT; EPO; IBM_TDB | OR | ON | 2008/01/10 21:44 |
| S42 | 35 | S39 and S40 | US-PGPUB; USPAT; EPO; IBM_TDB | OR | ON | 2008/01/10 21:28 |
| S43 | 54 | S41 not S42 | US-PGPUB; USPAT; EPO; IBM_TDB | OR | ON | 2008/01/10 21:44 |
| S44 | 50074 | ("pre-processor" or "pre-processing" or (pre near process\$4) or "pre-judging" or (pre near judg\$4) or (pre near test\$4) or "pre-testing") | US-PGPUB; USPAT; EPO; IBM_TDB | OR | ON | 2008/01/14 16:44 |
| S45 | 71 | ((classifier or classifying or select\$4 or classif\$4 or sort\$4 or choos\$4) near12 (receiver or transceiver)) same ("pre-processor" or "pre-processing" or (pre near process\$4) or "pre-judging" or (pre near judg\$4) or (pre near test\$4) or "pre-testing") | US-PGPUB; USPAT; EPO; IBM_TDB | OR | ON | 2008/01/14 16:59 |

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| S46 | 1 | ((classifier or classifying or select\$4 or classif\$4 or sort\$4 or choos\$4) near12 (receiver or transceiver)) same ("pre-processor" or "pre-processing" or (pre near process\$4) or "pre-judging" or (pre near judg\$4) or (pre near test\$4) or "pre-testing") same ("802.11g") | US-PGPUB; USPAT; EPO; IBM_TDB | OR | ON | 2008/01/14 16:47 |
| S47 | 0 | ((classifier or classifying or select\$4 or classif\$4 or sort\$4 or choos\$4) near12 (receiver or transceiver)) same ("pre-processor" or "pre-processing" or (pre near process\$4) or "pre-judging" or (pre near judg\$4) or (pre near test\$4) or "pre-testing") same ("802.11g") | US-PGPUB; USPAT; EPO; IBM_TDB | OR | ON | 2008/01/14 16:46 |
| S48 | 32 | ((classifier or classifying or select\$4 or classif\$4 or sort\$4 or choos\$4) near12 (receiver or transceiver)) same ("802.11b" and "802.11g") | US-PGPUB; USPAT; EPO; IBM_TDB | OR | ON | 2008/01/14 17:00 |
| S49 | 1853 | 455/101 | US-PGPUB; USPAT | OR | OFF | 2008/09/01 19:02 |
| S50 | 4735 | 455/445 | US-PGPUB; USPAT | OR | OFF | 2008/09/01 19:02 |
| S51 | 1331 | 455/500 | US-PGPUB; USPAT | OR | OFF | 2008/09/01 19:02 |
| S52 | 7629 | S49 or S50 or S51 | US-PGPUB; USPAT | OR | OFF | 2008/09/01 19:02 |
| S53 | 8981 | 370/338 | US-PGPUB; USPAT | OR | OFF | 2008/09/01 19:02 |
| S54 | 951 | S52 and S53 | US-PGPUB; USPAT | OR | OFF | 2008/09/01 19:02 |
| S55 | 185 | S54 and (antenna or receiver or transceiver or transmitter) same (select\$4) | US-PGPUB; USPAT | OR | OFF | 2008/09/01 19:03 |
| S56 | 818 | ("pre-processing" or preprocess\$4 or (pre adj process\$4)) adj8 gain | US-PGPUB; USPAT; EPO; IBM_TDB | OR | ON | 2009/06/29 11:24 |
| S57 | 475 | ((("pre-processing" or preprocess\$4 or (pre adj process\$4)) adj8 gain) same (proces\$4 adj7 gain)) | US-PGPUB; USPAT; EPO; IBM_TDB | OR | ON | 2009/06/29 11:25 |
| S58 | 0 | ((("pre-processing" or preprocess\$4 or (pre adj process\$4)) adj8 (first adj3 gain)) same (proces\$4 adj7 second adj3 gain)) | US-PGPUB; USPAT; EPO; IBM_TDB | OR | ON | 2009/06/29 11:26 |
| S59 | 0 | ((("pre-processing" or preprocess\$4 or (pre adj process\$4)) adj8 (first adj3 gain)) and (proces\$4 adj7 second adj3 gain)) | US-PGPUB; USPAT; EPO; IBM_TDB | OR | ON | 2009/06/29 11:26 |

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| S60 | 0 | (svd or (singular adj value)) same mimo same ofdm same (preprocessing or "pre-processing") | US-PGPUB; USPAT; EPO; IBM_TDB | OR | ON | 2009/06/29 11:29 |
| S61 | 6 | (svd or (singular adj value)) same mimo same (preprocessing or "pre-processing") | US-PGPUB; USPAT; EPO; IBM_TDB | OR | ON | 2009/06/29 11:29 |
| S62 | 41 | (svd) same mimo and (preprocessing or "pre-processing") | US-PGPUB; USPAT; EPO; IBM_TDB | OR | ON | 2009/06/29 11:54 |
| S63 | 24 | (svd) same mimo and (preprocessing or "pre-processing") and ofdm | US-PGPUB; USPAT; EPO; IBM_TDB | OR | ON | 2009/06/29 11:54 |
| S64 | 114 | ("pre-processing" or preprocess\$4) same ((post adj process\$4) or "post-processing" or "post-process") same gain | US-PGPUB; USPAT; EPO; IBM_TDB | OR | ON | 2009/06/29 12:02 |
| S65 | 1 | ("pre-processing" or preprocess\$4) same ((post adj process\$4) or "post-processing" or "post-process") same gain and mimo | US-PGPUB; USPAT; EPO; IBM_TDB | OR | ON | 2009/06/29 12:02 |
| S66 | 0 | ((("pre-processing" or preprocess\$4) adj7 gain) same ((post adj process\$4) or "post-processing" or "post-process") adj6 gain | US-PGPUB; USPAT; EPO; IBM_TDB | OR | ON | 2009/06/29 12:04 |
| S67 | 35 | ((("pre-processing" or preprocess\$4) adj7 (channel or matrix)) same ((post adj process\$4) or "post-processing" or "post-process") adj6 (channel or matrix) | US-PGPUB; USPAT; EPO; IBM_TDB | OR | ON | 2009/06/29 12:05 |
| S68 | 10 | (svd) same beamform\$3 and (preprocessing or "pre-processing") and ofdm | US-PGPUB; USPAT; EPO; IBM_TDB | OR | ON | 2009/06/29 12:14 |
| S69 | 32 | (svd) same (matrix or matrice) and (preprocessing or "pre-processing") and ofdm | US-PGPUB; USPAT; EPO; IBM_TDB | OR | ON | 2009/06/29 12:15 |
| S70 | 344 | (svd) same (matrix or matrice) and (preprocessing or "pre-processing") | US-PGPUB; USPAT; EPO; IBM_TDB | OR | ON | 2009/06/29 12:17 |
| S71 | 24 | (svd) same (matrix or matrice) and (preprocessing or "pre-processing") same mimo | US-PGPUB; USPAT; EPO; IBM_TDB | OR | ON | 2009/06/29 12:17 |

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| S72 | 320 | S70 not S71 | US-PGPUB; USPAT; EPO; IBM_TDB | OR | ON | 2009/06/29 12:18 |
| S73 | 307 | S70 not S71 not S69 | US-PGPUB; USPAT; EPO; IBM_TDB | OR | ON | 2009/06/29 12:18 |
| S74 | 36 | (svd) same (matrix or matrice) same (preprocessing or "pre-processing") | US-PGPUB; USPAT; EPO; IBM_TDB | OR | ON | 2009/06/29 12:18 |
| S75 | 16 | (classifier or classifying) same ((multi or multiple or dual) near (receiver or transceiver)) | US-PGPUB; USPAT; EPO; IBM_TDB | OR | ON | 2009/12/16 13:51 |
| S76 | 56 | ("802.11b" with "802.11g") with ((multi or multiple or dual) near (receiver or transceiver)) | US-PGPUB; USPAT; EPO; IBM_TDB | OR | ON | 2009/12/16 13:59 |
| S77 | 115 | ("802.11b" with "802.11g") with ((multi or multiple or dual) near5 (receiver or transceiver)) and (proces\$4 or "pre-processing" or preproces\$4) | US-PGPUB; USPAT; EPO; IBM_TDB | OR | ON | 2009/12/16 14:00 |
| S78 | 115 | ((("802.11b" with "802.11g") with ((multi or multiple or dual) near5 (receiver or transceiver)))) and (proces\$4 or "pre-processing" or preproces\$4) | US-PGPUB; USPAT; EPO; IBM_TDB | OR | ON | 2009/12/16 14:00 |
| S79 | 119 | ((("802.11b" with "802.11g") with ((multi or multiple or dual) near5 (receiver or transceiver)))) | US-PGPUB; USPAT; EPO; IBM_TDB | OR | ON | 2009/12/16 14:00 |
| S80 | 16 | "1071238" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/12/16 14:15 |
| S81 | 4 | "02102998" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/12/16 14:17 |

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| S82 | 7 | "10111193" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/12/16 14:19 |
| S83 | 4 | "02102998" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/12/16 14:20 |
| S84 | 646 | ((preproces\$4 or "pre-processing") adj4 (gain or multiplier or addition)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/12/16 17:46 |
| S85 | 372 | ((preproces\$4 or preproces\$4 or "pre-processing") adj4 (gain or multiplier or addition)) and ((proces\$4 or postproces\$4 or "post-processing") adj4 (gain or multiplier or addition)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/12/16 17:47 |
| S86 | 125 | ((preproces\$4 or preproces\$4 or "pre-processing") adj4 ((first adj2 gain) or multiplier or addition)) and ((proces\$4 or postproces\$4 or "post-processing") adj4 (gain or multiplier or addition)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/12/16 17:48 |
| S87 | 125 | ((preproces\$4 or preproces\$4 or "pre-processing") adj4 ((first adj2 gain) or multiplier or addition)) and ((proces\$4 or postproces\$4 or "post-processing") adj4 ((second adj2 gain) or multiplier or addition)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/12/16 17:48 |
| S88 | 125 | ((preproces\$4 or preproces\$4 or "pre-processing") adj4 (((first or initial) adj2 gain) or multiplier or addition)) and ((proces\$4 or postproces\$4 or "post-processing") adj4 ((second adj2 gain) or multiplier or addition)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/12/16 17:48 |

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| S89 | 125 | ((preprocess\$4 or preprocess\$4 or "pre-processing") adj4 (((first or initial) adj2 gain) or multiplier or addition)) and ((process\$4 or postprocess\$4 or "post-processing") adj4 (((second or secondary) adj2 gain) or multiplier or addition)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/12/16 17:49 |
| S90 | 89 | ((preprocess\$4 or preprocess\$4 or "pre-processing") adj4 (((first or initial) adj2 gain) or multiplier or addition)) and ((process\$4 or postprocess\$4 or "post-processing") adj4 (((second or secondary) adj2 gain) or multiplier or addition)) and (receiver or receiving or receive) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/12/16 17:50 |
| S91 | 0 | ((preprocess\$4 or preprocess\$4 or "pre-processing") adj4 (((first or initial) adj2 gain) or multiplier or addition)) and ((process\$4 or postprocess\$4 or "post-processing") adj4 (((second or secondary) adj2 gain) or multiplier or addition)) and (receiver or receiving or receive) and ((dual or multi or multiple) adj2 mode) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/12/16 18:01 |
| S92 | 39239 | ((((first or initial) adj2 gain) or multiplier or addition)) and (((second or secondary) adj2 gain) or multiplier or addition)) and (receiver or receiving or receive) and ((dual or multi or multiple) adj2 mode) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/12/16 18:02 |
| S93 | 313 | ((((first or initial) adj2 gain) or multiplier)) and (((second or secondary) adj2 gain) or multiplier)) and ((receiver or receiving or receive) near2 ((dual or multi or multiple) adj2 mode)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/12/16 18:03 |
| S94 | 251 | ((((first or initial) adj2 gain) or multiplier)) and (((second or secondary) adj2 gain) or multiplier)) and (((dual or multi or multiple) adj2 mode) adj2 (receiver or receiving or receive)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/12/16 18:03 |
| S95 | 424 | ((((first or initial) adj2 gain) or multiplier)) and (((second or secondary) adj2 gain) or multiplier)) and (((dual or multi or multiple) adj2 mode) adj2 (receiver or receiving or receive or terminal or device)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/12/16 18:04 |

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|----------|-------|--|--|----|-----|------------------|
| S96 | 2 | (((((first or initial) adj2 gain) or multiplier)) and (((second or secondary) adj3 (gain or multiplier)) near3 ((particular or specific or selected) adj3 (device or terminal or receiver))) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/12/16 18:07 |
| S97 | 82 | ("802.11b" near7 "802.11g" near7 (access adj point)) | US-PGPUB; USPAT | OR | OFF | 2009/12/16 18:18 |
| S98 | 117 | ((("802.11b" near7 "802.11g") or (ofdm near7 cdma\$4) or (gsm near7 cdma)) near7 (access adj point)) | US-PGPUB; USPAT | OR | OFF | 2009/12/16 18:20 |
| S99 | 123 | ((("802.11b" near7 "802.11g") or (ofdm\$2 near7 cdma\$4) or (ofdm\$2 near7 ("802.11b" or "802.11g"))) or (gsm near7 cdma)) near7 (access adj point)) | US-PGPUB; USPAT | OR | OFF | 2009/12/16 18:21 |
| S10 0 | 12608 | ("multi-band" or (multi adj band) or ("dual-band" or dual-band or (dual adj band))) | US-PGPUB; USPAT | OR | OFF | 2009/12/16 18:36 |
| S10 1 | 4934 | ((("multi-band" or (multi adj band) or ("dual-band" or dual-band or (dual adj band))) adj3 (access adj point) or (base adj2 station)) and mimo | US-PGPUB; USPAT | OR | OFF | 2009/12/16 18:37 |
| S10 2 | 1959 | ((("multi-band" or (multi adj band) or ("dual-band" or dual-band or (dual adj band))) adj3 (access adj point) or (base adj2 station)) same mimo | US-PGPUB; USPAT | OR | OFF | 2009/12/16 18:37 |
| S10 3 | 125 | ((("multi-band" or (multi adj band) or ("dual-band" or dual-band or (dual adj band))) adj3 (access adj point) or (base adj2 station)) same mimo).ab,ti. | US-PGPUB; USPAT | OR | OFF | 2009/12/16 18:37 |
| S10 4 | 50 | ("multi-band" or (multi adj band) or "dual-band" or dual-band or (dual adj band)) adj3 ((access adj point) or (base adj2 station)) | US-PGPUB; USPAT | OR | OFF | 2009/12/16 18:41 |
| S10 5 | 0 | ("multi-band" or (multi adj band) or "dual-band" or dual-band or (dual adj band)) adj3 ((access adj point) or (base adj2 station)) and mimo | US-PGPUB; USPAT | OR | OFF | 2009/12/16 18:43 |

EAST Search History (Interference)

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|--------------|----------------|------------------|---------|------------------|
| L25 | 8436 | 370/338 | USPAT; UPAD | OR | ON | 2009/12/18 13:49 |
| L26 | 6600 | 370/466 | USPAT; UPAD | OR | ON | 2009/12/18 13:49 |

EAST Search History (I nterference)

| | | | | | | |
|-----|-------|--|----------------|-----|----|------------------|
| L27 | 2447 | 370/467 | USPAT; UPAD | OR | ON | 2009/12/18 13:49 |
| L28 | 6918 | 370/468 | USPAT; UPAD | OR | ON | 2009/12/18 13:49 |
| L29 | 3199 | 370/469 | USPAT; UPAD | OR | ON | 2009/12/18 13:49 |
| L30 | 2642 | 455/552.1 | USPAT; UPAD | OR | ON | 2009/12/18 13:49 |
| L31 | 1465 | 455/553.1 | USPAT; UPAD | OR | ON | 2009/12/18 13:49 |
| L32 | 4108 | 455/561 | USPAT; UPAD | OR | ON | 2009/12/18 13:50 |
| L33 | 2274 | 455/562.1 | USPAT; UPAD | OR | ON | 2009/12/18 13:50 |
| L34 | 28524 | L25 or L26 or L27 or L28 or L29 or L30 or L31 or L32 or L33 | USPAT; UPAD | OR | ON | 2009/12/18 13:50 |
| L35 | 0 | L34 and (pre-processing the received frame within each PHY) | USPAT; UPAD | ADJ | ON | 2009/12/18 13:51 |
| L36 | 0 | L34 and (calculate a corresponding confidence level for each PHY receiver of the plurality) | USPAT; UPAD | ADJ | ON | 2009/12/18 13:52 |
| L37 | 0 | L34 and (calculate with (corresponding confidence level) with (PHY receiver)) | USPAT; UPAD | ADJ | ON | 2009/12/18 13:52 |
| L38 | 0 | L34 and (pre-processing with (received frame within each PHY)) | USPAT; UPAD | ADJ | ON | 2009/12/18 13:53 |
| L39 | 0 | L34 and (processing with (received frame) with (first gain) with (appropriate with majority with receivers)) | USPAT; UPAD | ADJ | ON | 2009/12/18 13:54 |
| L40 | 0 | L34 and ((first gain) with (appropriate with (majority near receivers))) | USPAT; UPAD | ADJ | ON | 2009/12/18 13:55 |